

Topcon continues to lead all GPS manufacturers with a multitude of new and innovative products.

The CR-4 GPS antenna is an exciting addition to complete the line of Topcon GPS products. The CR-4 antenna and the Topcon antenna cables are equipped to endure the harshest of environments.

Topcon's CR-4 antenna is an L1/L2 Choke Ring antenna (JPL spec) using a Dorne & Margolin vertical dipole element. The CR-4 antenna has standard (JPL) choke ring dimensions. The antenna calibration is published on the NGS website at http://www.ngs.noaa.gov/cgi-bin/query_cal_antennas.prl?Model=TPS&Antenna=TPSCR4



The CR-4 antenna has a preamplifier that provides enough gain to operate the antenna with a 30 meter LMR-400 or equivalent cable without an inline amplifier. The CR-4 antenna is also suitable for use with appropriate lightning protection devices.

Contact your local Topcon Distributor for more information or to arrange a demo, or you can visit us at www.topcon.com.

TOPCON POSITIONING SYSTEMS, INC.
800-443-4567
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CR-4 Technical Data

CR-4

Frequency Dual Frequency GPS

Type Choke Ring with Dorne & Margolin element

Weight 4.4 kg

Dimensions D:380 x H:138.5 mm

DC voltage +2.7 ~ +12V; 45 mA @3.0typ.

LNA gain 32 ± 2dB

Output 50 Ohm

Connector N-type

Environmental Waterproof

Operating temp. -40°C ~ +55°C

Mounting 5/8 standard thread

CR-4 with Topcon radome

Frequency Dual Frequency GPS

Type Choke Ring with Dorne & Margolin element

Weight 5.1 kg

Dimensions D:380 x H:415 mm

DC voltage +2.7 ~ +12V; 45 mA @3.0typ.

LNA gain 32 ± 2dB

Output 50 Ohm

Connector N-type

Environmental Waterproof

Operating temp. -40°C ~ +55°C

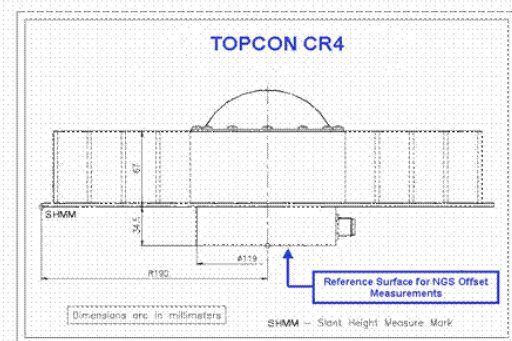
Mounting 5/8 standard thread

Additional Topcon accessories

Cables 30 meter LMR-400 and 10 meter RJ45

In-line amplifier TNC to TNC

Radomes Topcon and SCIGN



Topcon sells GPS products into the precision markets only. Go to www.topcongps.com for details.
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